

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### FOIL and Factor pop quiz (version 5)

FOIL the expressions shown below:

1.  $(x - 8)(x + 2)$

$$x^2 - 6x - 16$$

2.  $(x - 1)(x + 2)$

$$x^2 + x - 2$$

3.  $(x - 3)(x - 7)$

$$x^2 - 10x + 21$$

4.  $(x + 6)(x + 3)$

$$x^2 + 9x + 18$$

5.  $(x - 1)(x - 5)$

$$x^2 - 6x + 5$$

**Factor the expressions shown below:**

6.  $x^2 + 9x + 8$

$$(x + 8)(x + 1)$$

7.  $x^2 + 10x + 24$

$$(x + 4)(x + 6)$$

8.  $x^2 + 14x + 45$

$$(x + 9)(x + 5)$$

9.  $x^2 + 2x + 1$

$$(x + 1)(x + 1)$$

10.  $x^2 + 2x - 8$

$$(x - 2)(x + 4)$$